



ASX Announcement: 05 May 2023

## **BURKE & WILLS 12m @ 2.4% Copper, 0.4g/t Gold – Carnaby Resources Limited**

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DiscovEx Resources Limited (**Company or DiscovEx**) provides the attached announcement by Carnaby Resources Limited (ASX: CNB) (Carnaby) as it relates to the Greater Duchess Project.

The Greater Duchess Project includes the Southern Hub Tenements, located in the Mt. Isa Region of Queensland where DiscovEx holds a 17.5% free-carried interest in EPM 9083, EPM 11013, EPM 14366, EPM 14369, EPM 17637, EPM 18223, EPM 18990, EPM 19008, EPM 25435, EPM 25439, EPM 25853, EPM 25972.

Authorised for release by and investor enquiries to:

**Toby Wellman**  
**Managing Director**  
T: 08 9380 9440

**For and on behalf of**  
**DISCOVEX RESOURCES LIMITED**

## NEW CHALCUS LODGE EMERGES

**AND pXRF 134m @ 1.6% Cu**

**Incl pXRF 48m @ 2.5% Cu**

Carnaby Resources Limited (ASX: CNB) (**Carnaby** or the **Company**) is pleased to announce exceptional new pXRF readings, assay results and Downhole EM conductors at the Greater Duchess Copper Gold Project in Mt Isa, Queensland.

### Highlights

#### Mount Hope Central Prospect:

- **MHDD103 pXRF readings:**
  - **NW Lode 134m (TW~40m) @ 1.6% Cu from 250m Including 48m (TW~14m) @ 2.5% Cu from 254m**
  - **NEW CHALCUS Lode 14m @ 1.7% Cu from 464m**
- **MHRC073 pXRF readings:**
  - **47m (TW~17m) @ 2.3% Cu from 96m Incl 31m (TW~12m) @ 3.1% Cu from 103m**
- **MHRC067 pXRF readings:**
  - **103m (TW~26m) @ 0.9% Cu from 104m Incl 46m (TW~12m) @ 1.4% Cu from 105m**
- **NEW CHALCUS LODGE:**
  - **Strong off-hole Downhole EM conductor plates generated surrounding the 36m @ 4.2% Cu intersected in the new Chalcus Lode in MHDD083**

#### Burke & Wills Prospect:

- **BWRC044 ASSAY RESULTS:**
  - **12m @ 2.4% Cu, 0.4g/t Au from 126m**

The Company's Managing Director, Rob Watkins commented:

"The Greater Duchess Copper Gold Project continues to grow with the exceptional exploration results released today. The newly named **Chalcus Lode discovery** has only been intersected in three drill holes to date and is clearly emerging as a very significant new parallel lode with strong off-hole EM conductors suggesting high potential for extensions of the high grade lode. The pXRF results of up to **134m @ 1.6% Cu from 250m** from Mount Hope Central are also very significant as these confirm strong continuity of the main mineralisation in the NE and NW lodes. Drilling continues apace with numerous assay results awaited and exceptional targets currently being drilled."

### ASX Announcement

**5 May 2023**

#### Fast Facts

Shares on Issue 161.9M

Market Cap (@ \$1.17) \$189M

Cash \$31.8M<sup>1</sup>

<sup>1</sup>Based on cash of A\$11.8million as at 31 March 2023 and A\$20 million gross proceeds from the recent Placement, see ASX release dated 24 April 2023 for details.

#### Board and Management

Peter Bowler, Non-Exec Chairman

Rob Watkins, Managing Director

Greg Barrett, Non-Exec Director & Company Secretary

Paul Payne, Non-Exec Director

#### Company Highlights

- Proven and highly credentialed management team.
- Tight capital structure and strong cash position.
- Mount Hope, Nil Desperandum and Lady Fanny Iron Oxide Copper Gold discoveries within the Greater Duchess Copper Gold Project, Mt Isa inlier, Queensland.
- Greater Duchess Copper Gold Project, numerous camp scale IOCG deposits over 1,022 km<sup>2</sup> of tenure.
- Projects near to De Grey's Hemi gold discovery on 442 km<sup>2</sup> of highly prospective tenure.
- 100% ownership of the Tick Hill Gold Project (granted ML's) in Qld, historically one of Australia highest grade and most profitable gold mines producing 511 koz at 22 g/t gold.

#### Registered Office

78 Churchill Avenue Subiaco Western Australia 6008

T: +61 8 6500 3236

[www.carnabyresources.com.au](http://www.carnabyresources.com.au)

## GREATER DUCHESS COPPER GOLD PROJECT

### MOUNT HOPE CENTRAL PROSPECT (CNB 100%)

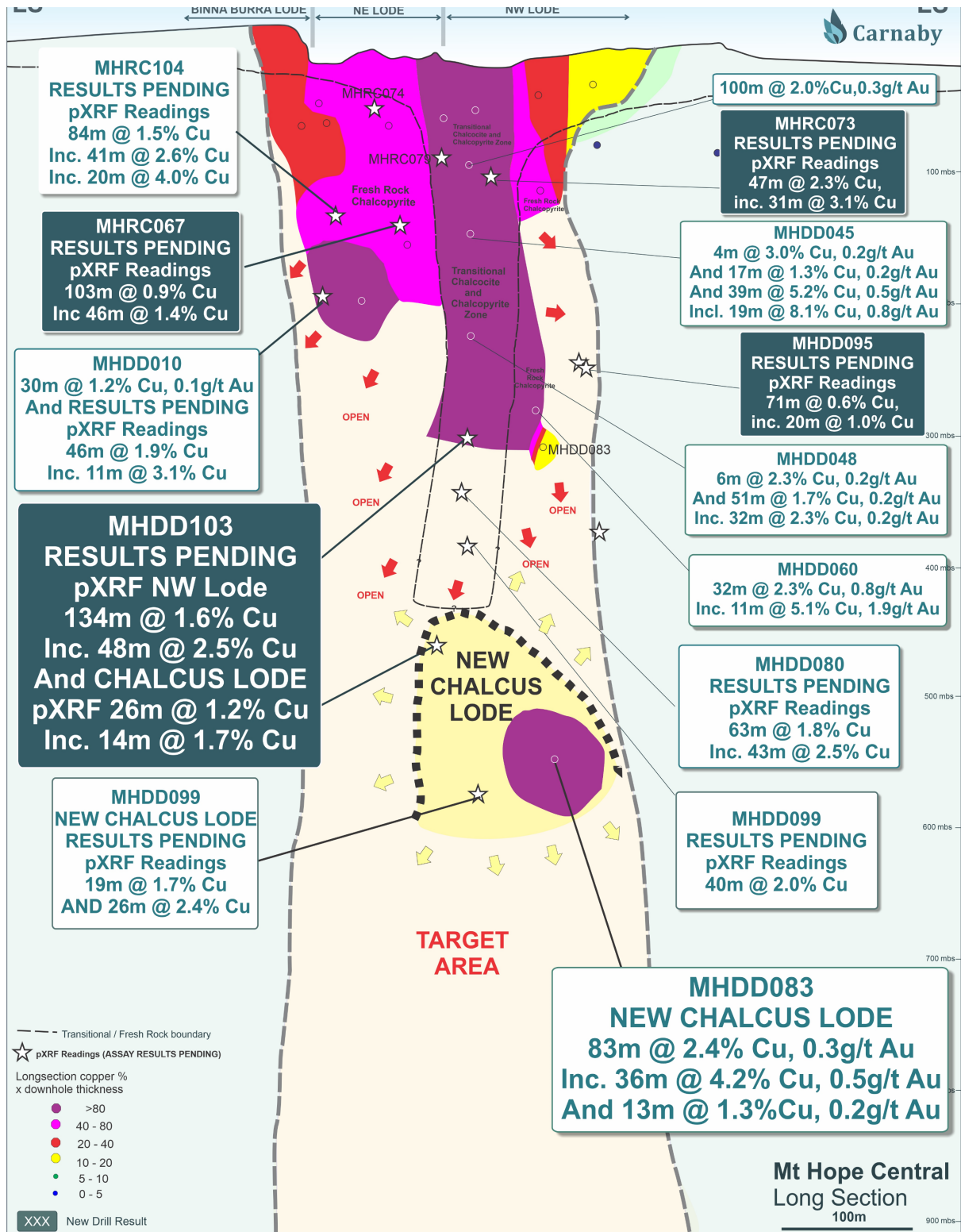


Figure 1. Mount Hope Central Long Section Showing New Drill Results.

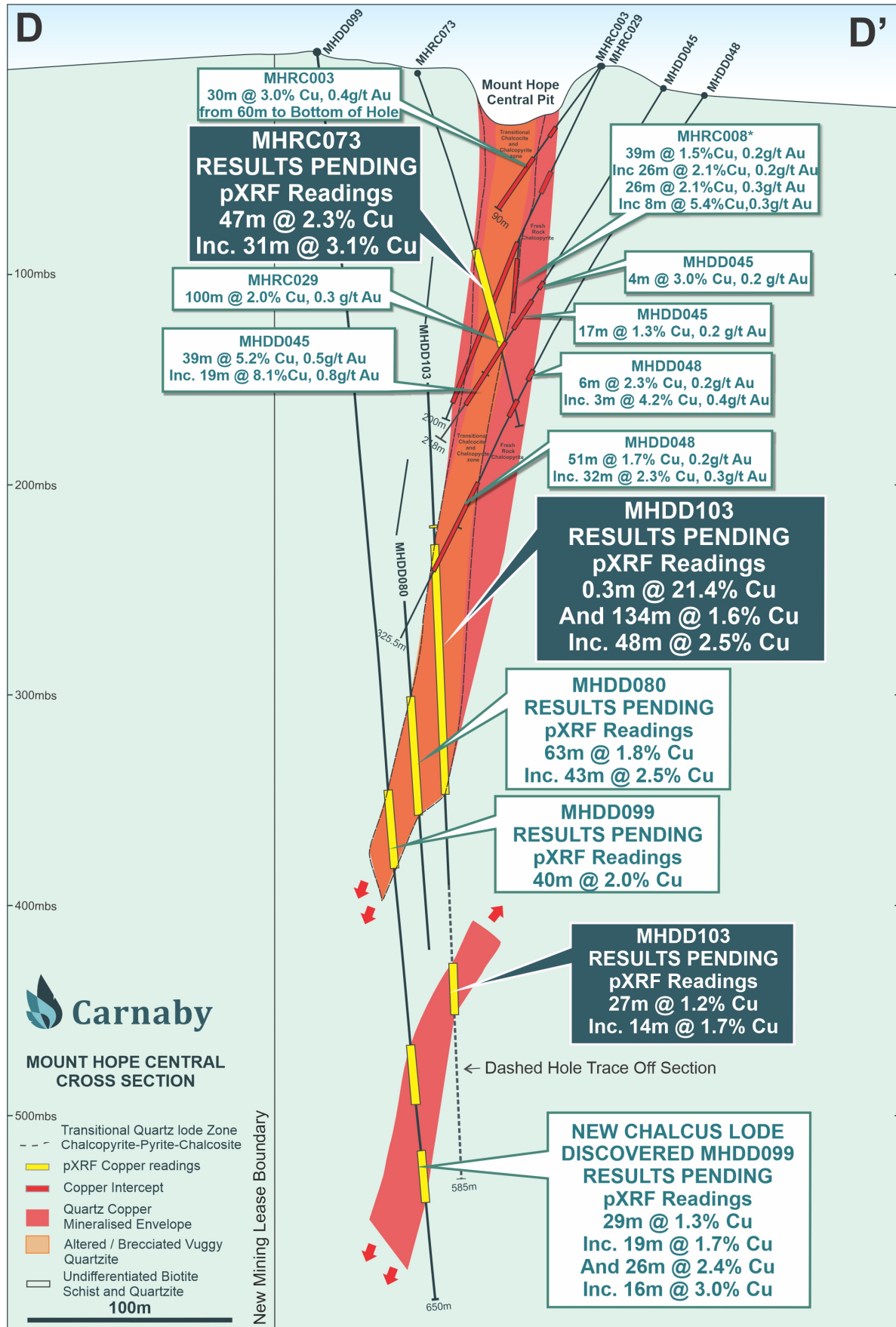


Figure 2. MHDD103 and MHRC073 Drill Section.



### **TRANSITIONAL LODGE ZONE - MHDD103**

MHDD103 was drilled to test the NW lode transitional zone (Figure 1, 2 & 4). The transitional zone is located in the apex of the "Boomerang" geometry at the confluence of the NE and NW lodes (Figure 4). The intersection of the NE and NW lodes appears to have acted as a strong focus for mineralisation however, it is also characterised by intense vuggy silica-chalcopyrite-pyrite-chalcocite mineral assemblage. This is distinct from other mineralised zones which generally have a strong chalcopyrite-pyrrhotite mineral assemblage. The vuggy quartz lode mineralisation has been intersected to almost 400m below surface and while there is clearly some weathering effect, it is considered likely that a primary hypogene mineralisation component may also be present.

MHDD103 intersected a wide zone of vuggy quartz lode over a downhole pXRF interval of 134m @ 1.6% Cu from 250m.

MHDD103 was pushed on to test for the newly discovered Chalcus Lode and intersected the lode further down the hole. The intersection of the Chalcus Lode in the interpreted position further supports the continuity of the Chalcus Lode and its potential to grow into a very significant discovery.

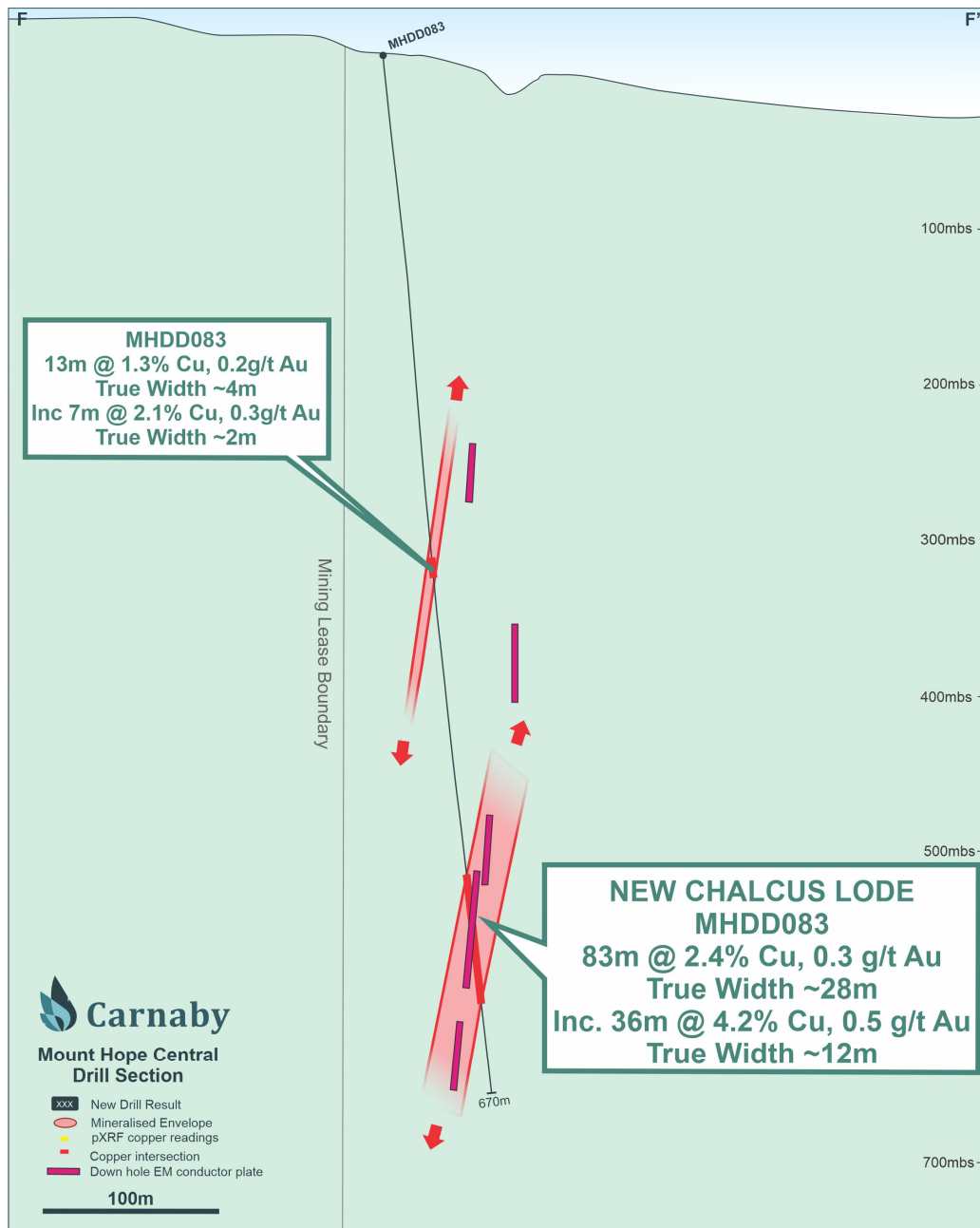
pXRF readings for MHDD103 are presented in full in Tables 1 & 2 of Appendix 1. pXRF readings are summarised as;

|                  |   |
|------------------|---|
| <b>MHDD103</b>   | <b>0.3m @ 21.4% Cu from 237.8m</b>              |
| <b>And</b>       | <b>134m (TW~40m) @ 1.6% Cu from 250m</b>        |
| <b>Including</b> | <b>48m (TW~14m) @ 2.5% Cu from 254m</b>         |
| <b>And</b>       | <b>NEW Chalcus Lode 27m @ 1.2% Cu from 464m</b> |
| <b>Including</b> | <b>14m @ 1.7% Cu from 464m</b>                  |

### **NEW CHALCUS LODGE**

The new Chalcus Lode discovery is rapidly developing into a significant new high grade shoot that is located in the footwall of the main NW Lode (Figure 2 & 3). The Chalcus Lode has now been intersected in three drill holes as shown in Figure 1 and remains completely open in all directions and importantly is completely open up dip where previous drilling into the NW lode has not tested the position of the Chalcus Lode in the footwall.

A small wedge extension was completed on MHDD099 which intersected 26m @ 2.4% Cu to bottom of hole (See ASX release 17 April 2023), however no additional significant mineralisation was intersected with assay results pending.



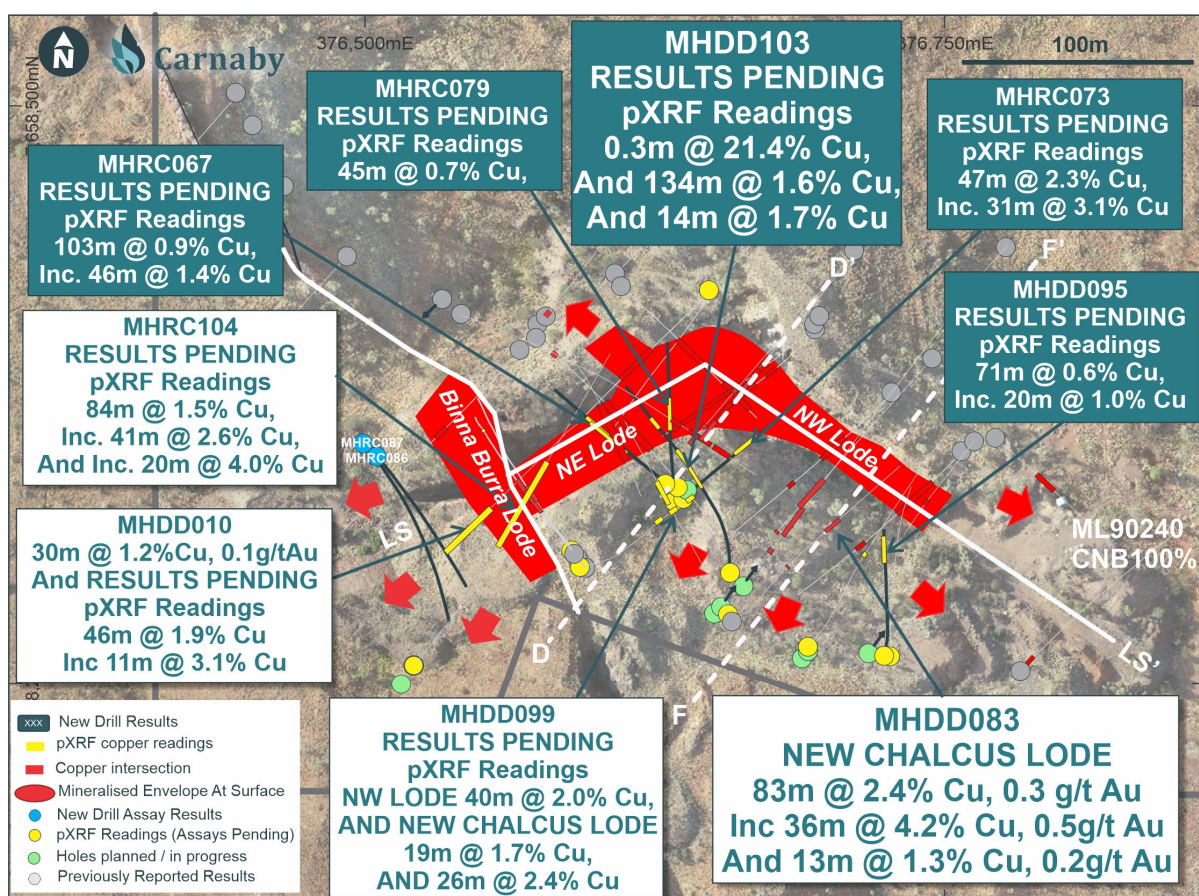
**Figure 3. Mount Hope Central Cross Section Showing New Chalcus Lode and modelled Down Hole EM conductor plates.**

A downhole Electromagnetic (**DHEM**) Survey was recently completed at Mount Hope and included the Chalcus discovery drill hole MHDD083 which intersected 36m @ 4.2% Cu (See ASX release 30 March 2023). **The results from the DHEM survey of MHDD083 have identified strong conductors with up to 10,000 Siemen (S) directly associated with the high grade mineralisation. Strong up dip and down dip off-hole conductors up to 5,600S**

have also been modelled with the orientation and dip supporting the interpreted geometry of the mineralisation intersected in the three holes to date on the Chalcus Lode.

Lateral extents of the Chalcus Lode were not able to be well defined in the DHEM due to the strong, near in-hole conductors masking more subtle off-hole responses. Further DHEM will be completed in other holes to target the lateral extensions.

The emerging Chalcus Lode does appear to be a new lode, parallel to the overlying NW lode and drilling is underway to extend the mineralisation in all directions, including drill testing of the off-hole conductors identified from the DHEM survey.



**Figure 4. Mount Hope Central Plan Showing Location of New Drill Results.**

### NW LODE – MHRC073 & MHDD095

Two additional RC holes have been drilled into the NW lode (Figure 1, 2 & 4).

MHRC073 is a shallow hole drilled to target the NW Lode from the southern side of the historical open pit. The drill hole intersected a very strong zone of copper mineralisation showing great continuity of grade and width of the mineralisation from earlier drill holes drilled from the north side of the historical open pit (Figure 2 & 4).

MHDD095 is an RC pre-collar hole that will soon be extended with a diamond tail to test the up dip projection of the new Chalcus Lode where a DHEM conductor plate has been modelled. MHDD095 did intersect a broad zone of low grade copper mineralisation in the NW lode position which is open to the southeast (Figure 1 & 4).

pXRF readings for MHRC073 and MHDD095 are presented in full in Tables 1 & 2 of Appendix 1. pXRF readings are summarised as;

|                  |   |
|------------------|---|
| <b>MHRC073</b>   | <b>47m (TW~17m) @ 2.3% Cu from 96m</b>  |
| <b>Including</b> | <b>31m (TW~12m) @ 3.1% Cu from 103m</b> |
| <b>MHDD095</b>   | <b>71m (TW~24m) @ 0.6% Cu from 223m</b> |
| <b>Including</b> | <b>20m (TW~7m) @ 1.0% Cu from 233m</b>  |

#### **NE LODE – MHRC067, MHRC074 & MHRC079**

Three additional RC holes have been drilled into the NE lode (Figure 1 & 4). The drill holes focussed on defining the shallower sections of the NE Lode. All holes intersected broad widths of copper mineralisation and importantly have confirmed excellent continuity of the mineralisation in comparison to earlier holes drilled from the northwest side of the historical open pit (Figure 4).

pXRF readings for MHRC067, MHRC074 and MHRC079 are presented in full in Tables 1 & 2 of Appendix 1. pXRF readings are summarised as;

|                  |  |
|------------------|--|
| <b>MHRC067</b>   | <b>103m (TW~26m) @ 0.9% Cu from 104m</b> |
| <b>Including</b> | <b>46m (TW~12m) @ 1.4% Cu from 105m</b>  |
| <b>MHRC074</b>   | <b>25m (TW~14m) @ 1.3% Cu from 60m</b>   |
| <b>Including</b> | <b>20m (TW~11m) @ 1.6% Cu from 62m</b>   |
| <b>MHRC79</b>    | <b>45m (TW~16) @ 0.7% Cu from 83m</b>    |



## **BINNA BURRA LODGE – MHRC086 & MHRC087**

Two RC holes were drilled southwest of the Binna Burra Lode to test a potential extension of the NE lode orientation. Neither holed intersected any significant mineralisation. It is important to note that both holes did not target or test the down dip or strike position of the northwest striking Binna Burra Lode (Figure 4).

The Binna Burra Lode remains completely open down dip below recent reported results of pXRF readings of **46m @ 1.9% Cu and 41m @ 2.6% Cu** (See ASX releases 17 April 2023 and 24 March 2023) and sparsely drilled along strike.

DHEM was completed in two drill holes MHDD077 and MHDD010 targeting the intersection of the Binna Burra and NE lode positions.

Two strong off-hole conductor plates (**2,453 S and 3,319 S**) were modelled immediately southwest of MHDD077. The strength of these off-hole conductors is significant given the magnitude of sulphide mineralisation within MHDD077 was **29m @ 3.2% Cu, 0.4g/t Au** (See ASX release 30 March 2023).

Two strong conductors were also modelled in MHDD010 recording **3,757 S** in an in-hole conductor and **3,835 S** in an off-hole conductor.

All four conductors were modelled as steeply dipping with a southwest strike. Further analysis of these models will be completed shortly.

The Binna Burra Lode remains an exceptional target zone and one of the highest priority targets at Mount Hope. Further drilling is in progress.

## **MOUNT HOPE NORTH PROSPECT (CNB 100%)**

DHEM was attempted on two holes at Mount Hope North and Gap targets in holes MHDD021 and MHDD054. Due to difficulty in running PVC down both holes, the survey was only able to penetrate the upper levels of the holes and therefore did not adequately test the lower mineralised zone in MHDD021 where results of 17m @ 3.1% Cu were intersected (see ASX release 17 April 2023). Further drilling and DHEM is planned.

## **BURKE & WILLS PROSPECT (CNB 82.5%, DCX 17.5%)**

Assay results and pXRF readings from a further three RC holes drilled at Burke & Wills have been completed. Results include a standout result in BWRC044 of an **approximate true width result of 12m @ 2.4% Cu, 0.4g/t Au** from 126m (Figure 5).

High grade copper gold mineralisation at Burke & Wills has been intersected over a strike length of 260m with further drilling in progress to define an open pit mineral resource as part of the Greater Duchess maiden resource which is due to be completed in Q3 2023.

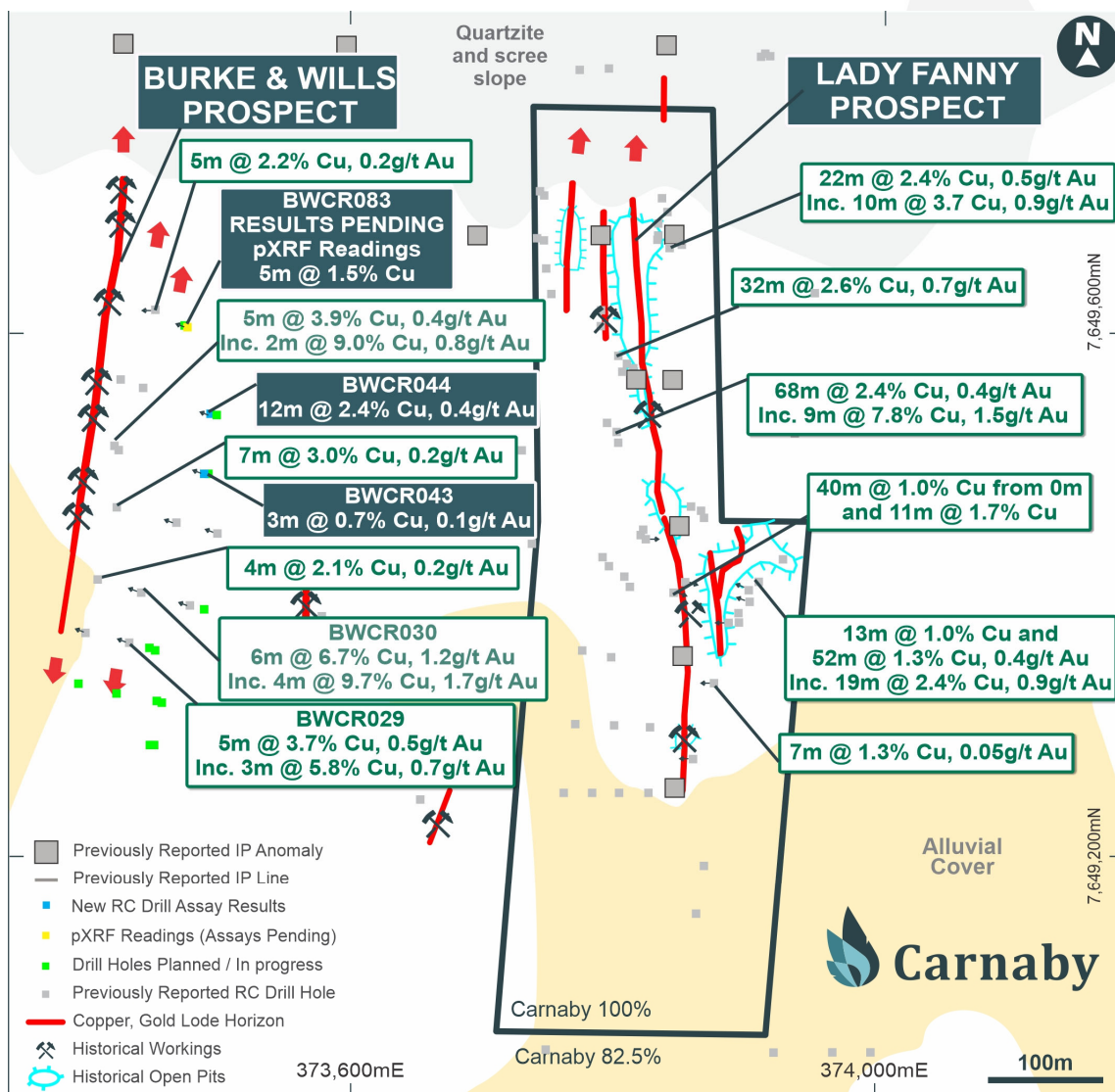
Assay results for BWRC043 and BWRC044 are presented in full in Tables 1 & 2 of Appendix 1. Downhole widths approximate true widths with assay results summarised as;

**BWRC044**                      **12m @ 2.4% Cu, 0.4g/t Au from 126m**

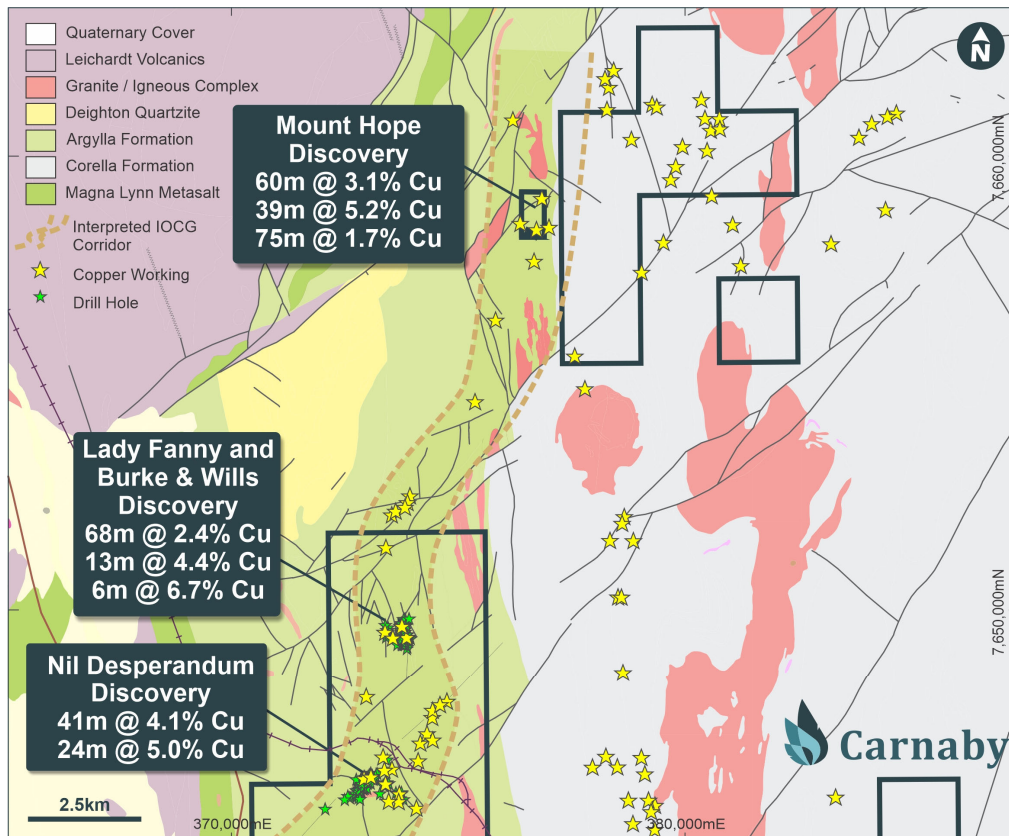
**BWRC043**                      **3m @ 0.7% Cu, 0.1g/t Au from 132m**

pXRF readings for BWRC083 are presented in full in Tables 1 & 2 of Appendix 1. pXRF readings are summarised as;

**BWRC083**                      **5m @ 1.5% Cu from 102m**



**Figure 5. Burke & Wills and Lady Fanny Prospect Plan Showing New Results.**



**Figure 6. Mount Hope, Nil Desperandum and Lady Fanny IOCG corridor plan.**

This announcement has been authorised for release by the Board of Directors.

Further information regarding the Company can be found on the Company's website:

[www.carnabyresources.com.au](http://www.carnabyresources.com.au)

**For additional information please contact:**

**Robert Watkins, Managing Director**

**+61 8 6500 3236**

#### **Competent Person Statement**

The information in this document that relates to exploration results is based upon information compiled by Mr Robert Watkins. Mr Watkins is a Director of the Company and a Member of the AUSIMM. Mr Watkins consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears. Mr Watkins has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is undertaken to qualify as a Competent Person as defined in the December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code).

#### **Disclaimer**

References may have been made in this announcement to certain ASX announcements, including references regarding exploration results, mineral resources and ore reserves. For full details, refer to said announcement on said date. The Company is not aware of any new information or data that materially affects this information. Other than as specified in this announcement and the mentioned announcements, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, Exploration Target(s) or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant

market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

**Recently released ASX Material References that relate to this announcement include:**

Mount Hope Central New Lode Emerges - 20m @ 4.0% Cu, 17 April 2023

Stunning Results At Mount Hope Central – 36m @ 4.2% Cu, 30 March 2023

Mount Hope Continues To Expand – 63m @ 1.8% Cu, 24 March 2023

Major Extension At Mount Hope Central – 36m @ 2.2% Cu, 16 March 2023

New High Grade Zone Discovered At Mount Hope – 71m @ 1.1% Cu, 2 March 2023

Ministerial Approval of Mount Hope Boundary Resolution, 14 February 2023

Mount Hope Shines – 39m @ 5.2% Copper, 2 February 2023

Mount Hope Mining Lease Boundary Resolution, 9 January 2023

Greater Duchess Exploration Update – 41m @ 1.8% Copper, 13 December 2022

Mount Hope Discovery – 37m @ 11pprox.. 5% Copper, 16 November 2022

Excellent Metallurgical Results – Greater Duchess Project, 7 November 2022

## APPENDIX ONE

Details regarding the specific information for the drilling discussed in this news release are included below in Table 1.

**Table 1. Drill Hole Details**

| Prospect           | Hole ID | Easting | Northing | RL  | Dip   | Azimuth | Total Depth (m) | Depth From (m) | Interval (m) | Cu % | Au (g/t) |
|--------------------|---------|---------|----------|-----|-------|---------|-----------------|----------------|--------------|------|----------|
| Mount Hope Central | MHRC086 | 376505  | 7658349  | 467 | -55.4 | 140.5   | 120             | NSI            |              |      |          |
|                    | MHRC087 | 376499  | 7658354  | 467 | -65.3 | 140.1   | 233             | NSI            |              |      |          |
| Burke & Wills      | BWRC043 | 373488  | 7649494  | 415 | -55.1 | 285.3   | 155             | 132            | 3            | 0.7  | 0.10     |
|                    | BWRC044 | 373494  | 7649540  | 415 | -58.8 | 286.0   | 159             | 126            | 12           | 2.4  | 0.4      |

| Prospect           | Hole ID  | Easting | Northing | RL  | Dip   | Azimuth | Total Depth (m) | Depth From (m)                              | Interval (m)                  | pXRF Cu %                        |
|--------------------|----------|---------|----------|-----|-------|---------|-----------------|---|-------------------------------|----------------------------------|
| Mount Hope Central | MHRC067* | 376631  | 7658336  | 471 | -74.9 | 309.1   | 240             | 104<br>Incl 105                             | 103<br>46                     | 0.9<br>1.4                       |
|                    | MHRC073* | 376637  | 7658331  | 471 | -69.3 | 37.4    | 179             | 96<br>Incl 103                              | 47<br>31                      | 2.3<br>3.1                       |
|                    | MHRC074* | 376629  | 7658337  | 471 | -55.0 | 310.0   | 120             | 60<br>Incl 62                               | 25<br>20                      | 1.3<br>1.6                       |
|                    | MHRC079* | 376634  | 7658331  | 471 | -67.0 | 355.0   | 196             | 83  | 45                            | 0.7                              |
|                    | MHDD095* | 376724  | 7658264  | 467 | -81.7 | 14.8    | 312             | 223<br>Incl 233                             | 71<br>20                      | 0.6<br>1.0                       |
|                    | MHDD103* | 376657  | 7658298  | 473 | -80.7 | 1.1     | 593             | 237.8<br>250<br>Incl 254<br>464<br>Incl 464 | 0.3<br>134^<br>48<br>27<br>14 | 21.4<br>1.6<br>2.5<br>1.2<br>1.7 |



| Prospect      | Hole ID  | Easting | Northing | RL  | Dip   | Azimuth | Total Depth (m) | Depth From (m) | Interval (m) | pXRF Cu % |
|---------------|----------|---------|----------|-----|-------|---------|-----------------|----------------|--------------|-----------|
| Burke & Wills | BWRC083* | 373474  | 7649609  | 417 | -70.2 | 288.2   | 156             | 102            | 5            | 1.5       |

*\*pXRF intersection, Assay Results Pending.*

*^Includes 1.4m of core loss.*

## Table 2. pXRF Results

*In relation to the disclosure of pXRF results, the Company cautions that estimates of sulphide mineral abundance from pXRF results should not be considered a proxy for quantitative analysis of a laboratory assay result. Assay results are required to determine the actual widths and grade of the visible mineralisation.*

### RC Chip pXRF Readings

| Prospect           | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|--------------------|---------|----------------|--------------|--------------|------------|
| Mount Hope Central | MHRC067 | 63             | 64           | 1            | 0.2        |
|                    | MHRC067 | 64             | 65           | 1            | <b>0.5</b> |
|                    | MHRC067 | 65             | 66           | 1            | 0.3        |
|                    | MHRC067 | 66             | 67           | 1            | <b>1.8</b> |
|                    | MHRC067 | 67             | 68           | 1            | 0.1        |
|                    | MHRC067 | 68             | 69           | 1            | 0.1        |
|                    | MHRC067 | 100            | 101          | 1            | 0.1        |
|                    | MHRC067 | 101            | 102          | 1            | 0.1        |
|                    | MHRC067 | 102            | 103          | 1            | 0.1        |
|                    | MHRC067 | 103            | 104          | 1            | 0.1        |
|                    | MHRC067 | 104            | 105          | 1            | 0.2        |
|                    | MHRC067 | 105            | 106          | 1            | <b>2.2</b> |
|                    | MHRC067 | 106            | 107          | 1            | <b>1.8</b> |
|                    | MHRC067 | 107            | 108          | 1            | <b>2.9</b> |
|                    | MHRC067 | 108            | 109          | 1            | <b>2.4</b> |
|                    | MHRC067 | 109            | 110          | 1            | <b>1.1</b> |
|                    | MHRC067 | 110            | 111          | 1            | <b>1.2</b> |
|                    | MHRC067 | 111            | 112          | 1            | <b>1.4</b> |
|                    | MHRC067 | 112            | 113          | 1            | <b>2.6</b> |
|                    | MHRC067 | 113            | 114          | 1            | <b>3.0</b> |
|                    | MHRC067 | 114            | 115          | 1            | <b>1.3</b> |
|                    | MHRC067 | 115            | 116          | 1            | <b>2.4</b> |
|                    | MHRC067 | 116            | 117          | 1            | <b>1.7</b> |
|                    | MHRC067 | 117            | 118          | 1            | <b>2.0</b> |
|                    | MHRC067 | 118            | 119          | 1            | <b>1.2</b> |
|                    | MHRC067 | 119            | 120          | 1            | <b>0.9</b> |
|                    | MHRC067 | 120            | 121          | 1            | 0.1        |
|                    | MHRC067 | 121            | 122          | 1            | 0.1        |
|                    | MHRC067 | 122            | 123          | 1            | 0.2        |
|                    | MHRC067 | 123            | 124          | 1            | 0.2        |
|                    | MHRC067 | 124            | 125          | 1            | <b>0.6</b> |
|                    | MHRC067 | 125            | 126          | 1            | 0.3        |
|                    | MHRC067 | 126            | 127          | 1            | 0.4        |
|                    | MHRC067 | 127            | 128          | 1            | <b>1.1</b> |
|                    | MHRC067 | 128            | 129          | 1            | <b>0.6</b> |
|                    | MHRC067 | 129            | 130          | 1            | <b>1.1</b> |
|                    | MHRC067 | 130            | 131          | 1            | <b>1.0</b> |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|----------|---------|----------------|--------------|--------------|------------|
|          | MHRC067 | 131            | 132          | 1            | <b>1.0</b> |
|          | MHRC067 | 132            | 133          | 1            | <b>1.2</b> |
|          | MHRC067 | 133            | 134          | 1            | <b>1.2</b> |
|          | MHRC067 | 134            | 135          | 1            | <b>1.7</b> |
|          | MHRC067 | 135            | 136          | 1            | <b>1.8</b> |
|          | MHRC067 | 136            | 137          | 1            | <b>2.7</b> |
|          | MHRC067 | 137            | 138          | 1            | <b>3.0</b> |
|          | MHRC067 | 138            | 139          | 1            | <b>0.9</b> |
|          | MHRC067 | 139            | 140          | 1            | <b>1.4</b> |
|          | MHRC067 | 140            | 141          | 1            | <b>2.6</b> |
|          | MHRC067 | 141            | 142          | 1            | <b>2.2</b> |
|          | MHRC067 | 142            | 143          | 1            | <b>0.9</b> |
|          | MHRC067 | 143            | 144          | 1            | <b>0.6</b> |
|          | MHRC067 | 144            | 145          | 1            | <b>0.7</b> |
|          | MHRC067 | 145            | 146          | 1            | <b>0.8</b> |
|          | MHRC067 | 146            | 147          | 1            | <b>0.7</b> |
|          | MHRC067 | 147            | 148          | 1            | <b>0.9</b> |
|          | MHRC067 | 148            | 149          | 1            | <b>1.7</b> |
|          | MHRC067 | 149            | 150          | 1            | <b>2.0</b> |
|          | MHRC067 | 150            | 151          | 1            | <b>1.5</b> |
|          | MHRC067 | 151            | 152          | 1            | <b>0.6</b> |
|          | MHRC067 | 152            | 153          | 1            | 0.5        |
|          | MHRC067 | 153            | 154          | 1            | <b>0.5</b> |
|          | MHRC067 | 154            | 155          | 1            | 0.3        |
|          | MHRC067 | 155            | 156          | 1            | 0.3        |
|          | MHRC067 | 156            | 157          | 1            | 0.3        |
|          | MHRC067 | 157            | 158          | 1            | 0.3        |
|          | MHRC067 | 158            | 159          | 1            | 0.4        |
|          | MHRC067 | 159            | 160          | 1            | 0.4        |
|          | MHRC067 | 160            | 161          | 1            | 0.4        |
|          | MHRC067 | 161            | 162          | 1            | 0.3        |
|          | MHRC067 | 162            | 163          | 1            | 0.4        |
|          | MHRC067 | 163            | 164          | 1            | 0.4        |
|          | MHRC067 | 164            | 165          | 1            | 0.5        |
|          | MHRC067 | 165            | 166          | 1            | <b>0.6</b> |
|          | MHRC067 | 166            | 167          | 1            | 0.5        |
|          | MHRC067 | 167            | 168          | 1            | 0.4        |
|          | MHRC067 | 168            | 169          | 1            | 0.5        |
|          | MHRC067 | 169            | 170          | 1            | 0.4        |
|          | MHRC067 | 170            | 171          | 1            | 0.4        |
|          | MHRC067 | 171            | 172          | 1            | <b>0.7</b> |
|          | MHRC067 | 172            | 173          | 1            | 0.3        |
|          | MHRC067 | 173            | 174          | 1            | 0.1        |
|          | MHRC067 | 174            | 175          | 1            | 0.4        |
|          | MHRC067 | 175            | 176          | 1            | 0.4        |
|          | MHRC067 | 176            | 177          | 1            | 0.3        |
|          | MHRC067 | 177            | 178          | 1            | <b>0.6</b> |
|          | MHRC067 | 178            | 179          | 1            | 0.4        |
|          | MHRC067 | 179            | 180          | 1            | <b>0.6</b> |
|          | MHRC067 | 180            | 181          | 1            | <b>0.8</b> |
|          | MHRC067 | 181            | 182          | 1            | <b>0.8</b> |
|          | MHRC067 | 182            | 183          | 1            | <b>0.7</b> |
|          | MHRC067 | 183            | 184          | 1            | <b>0.9</b> |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|----------|---------|----------------|--------------|--------------|------------|
|          | MHRC067 | 184            | 185          | 1            | <b>1.1</b> |
|          | MHRC067 | 185            | 186          | 1            | <b>1.0</b> |
|          | MHRC067 | 186            | 187          | 1            | <b>0.7</b> |
|          | MHRC067 | 187            | 188          | 1            | 0.3        |
|          | MHRC067 | 188            | 189          | 1            | <b>0.6</b> |
|          | MHRC067 | 189            | 190          | 1            | 0.3        |
|          | MHRC067 | 190            | 191          | 1            | <b>0.6</b> |
|          | MHRC067 | 191            | 192          | 1            | <b>0.6</b> |
|          | MHRC067 | 192            | 193          | 1            | 0.3        |
|          | MHRC067 | 193            | 194          | 1            | 0.2        |
|          | MHRC067 | 194            | 195          | 1            | 0.1        |
|          | MHRC067 | 195            | 196          | 1            | 0.2        |
|          | MHRC067 | 196            | 197          | 1            | 0.2        |
|          | MHRC067 | 197            | 198          | 1            | 0.2        |
|          | MHRC067 | 198            | 199          | 1            | 0.4        |
|          | MHRC067 | 199            | 200          | 1            | 0.4        |
|          | MHRC067 | 200            | 201          | 1            | 0.4        |
|          | MHRC067 | 201            | 202          | 1            | 0.2        |
|          | MHRC067 | 202            | 203          | 1            | 0.4        |
|          | MHRC067 | 203            | 204          | 1            | 0.2        |
|          | MHRC067 | 204            | 205          | 1            | 0.4        |
|          | MHRC067 | 205            | 206          | 1            | 0.1        |
|          | MHRC067 | 206            | 207          | 1            | 0.3        |
|          | MHRC067 | 207            | 208          | 1            | 0.0        |
|          | MHRC067 | 208            | 209          | 1            | 0.1        |
|          | MHRC067 | 209            | 210          | 1            | 0.0        |
|          | MHRC073 | 88             | 89           | 1            | 0.1        |
|          | MHRC073 | 89             | 90           | 1            | 0.1        |
|          | MHRC073 | 90             | 91           | 1            | 0.1        |
|          | MHRC073 | 91             | 92           | 1            | 0.0        |
|          | MHRC073 | 92             | 93           | 1            | 0.0        |
|          | MHRC073 | 93             | 94           | 1            | 0.0        |
|          | MHRC073 | 94             | 95           | 1            | 0.0        |
|          | MHRC073 | 95             | 96           | 1            | 0.0        |
|          | MHRC073 | 96             | 97           | 1            | <b>0.5</b> |
|          | MHRC073 | 97             | 98           | 1            | <b>1.2</b> |
|          | MHRC073 | 98             | 99           | 1            | 0.4        |
|          | MHRC073 | 99             | 100          | 1            | <b>1.6</b> |
|          | MHRC073 | 100            | 101          | 1            | <b>3.1</b> |
|          | MHRC073 | 101            | 102          | 1            | 0.4        |
|          | MHRC073 | 102            | 103          | 1            | <b>0.9</b> |
|          | MHRC073 | 103            | 104          | 1            | <b>1.8</b> |
|          | MHRC073 | 104            | 105          | 1            | <b>3.6</b> |
|          | MHRC073 | 105            | 106          | 1            | <b>2.4</b> |
|          | MHRC073 | 106            | 107          | 1            | <b>2.1</b> |
|          | MHRC073 | 107            | 108          | 1            | <b>2.1</b> |
|          | MHRC073 | 108            | 109          | 1            | <b>2.2</b> |
|          | MHRC073 | 109            | 110          | 1            | <b>2.8</b> |
|          | MHRC073 | 110            | 111          | 1            | <b>4.3</b> |
|          | MHRC073 | 111            | 112          | 1            | <b>2.8</b> |
|          | MHRC073 | 112            | 113          | 1            | <b>2.3</b> |
|          | MHRC073 | 113            | 114          | 1            | <b>1.5</b> |
|          | MHRC073 | 114            | 115          | 1            | <b>1.7</b> |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu% |
|----------|---------|----------------|--------------|--------------|----------|
|          | MHRC073 | 115            | 116          | 1            | 0.5      |
|          | MHRC073 | 116            | 117          | 1            | 1.1      |
|          | MHRC073 | 117            | 118          | 1            | 1.1      |
|          | MHRC073 | 118            | 119          | 1            | 0.5      |
|          | MHRC073 | 119            | 120          | 1            | 1.4      |
|          | MHRC073 | 120            | 121          | 1            | 1.9      |
|          | MHRC073 | 121            | 122          | 1            | 1.8      |
|          | MHRC073 | 122            | 123          | 1            | 2.1      |
|          | MHRC073 | 123            | 124          | 1            | 3.6      |
|          | MHRC073 | 124            | 125          | 1            | 5.2      |
|          | MHRC073 | 125            | 126          | 1            | 3.7      |
|          | MHRC073 | 126            | 127          | 1            | 1.4      |
|          | MHRC073 | 127            | 128          | 1            | 7.0      |
|          | MHRC073 | 128            | 129          | 1            | 7.3      |
|          | MHRC073 | 129            | 130          | 1            | 6.9      |
|          | MHRC073 | 130            | 131          | 1            | 3.2      |
|          | MHRC073 | 131            | 132          | 1            | 4.2      |
|          | MHRC073 | 132            | 133          | 1            | 6.3      |
|          | MHRC073 | 133            | 134          | 1            | 5.5      |
|          | MHRC073 | 134            | 135          | 1            | 1.0      |
|          | MHRC073 | 135            | 136          | 1            | 0.7      |
|          | MHRC073 | 136            | 137          | 1            | 0.2      |
|          | MHRC073 | 137            | 138          | 1            | 0.2      |
|          | MHRC073 | 138            | 139          | 1            | 0.4      |
|          | MHRC073 | 139            | 140          | 1            | 0.2      |
|          | MHRC073 | 140            | 141          | 1            | 0.4      |
|          | MHRC073 | 141            | 142          | 1            | 0.5      |
|          | MHRC073 | 142            | 143          | 1            | 0.2      |
|          | MHRC073 | 143            | 144          | 1            | 0.1      |
|          | MHRC073 | 144            | 145          | 1            | 0.2      |
|          | MHRC073 | 145            | 146          | 1            | 0.1      |
|          | MHRC073 | 146            | 147          | 1            | 0.0      |
|          | MHRC073 | 147            | 148          | 1            | 0.1      |
|          | MHRC073 | 148            | 149          | 1            | 0.1      |
|          | MHRC073 | 149            | 150          | 1            | 0.1      |
|          | MHRC073 | 150            | 151          | 1            | 0.2      |
|          | MHRC073 | 151            | 152          | 1            | 0.2      |
|          | MHRC074 | 60             | 61           | 1            | 0.3      |
|          | MHRC074 | 61             | 62           | 1            | 0.2      |
|          | MHRC074 | 62             | 63           | 1            | 1.2      |
|          | MHRC074 | 63             | 64           | 1            | 3.3      |
|          | MHRC074 | 64             | 65           | 1            | 1.9      |
|          | MHRC074 | 65             | 66           | 1            | 1.0      |
|          | MHRC074 | 66             | 67           | 1            | 0.6      |
|          | MHRC074 | 67             | 68           | 1            | 2.3      |
|          | MHRC074 | 68             | 69           | 1            | 2.0      |
|          | MHRC074 | 69             | 70           | 1            | 1.7      |
|          | MHRC074 | 70             | 71           | 1            | 1.1      |
|          | MHRC074 | 71             | 72           | 1            | 1.3      |
|          | MHRC074 | 72             | 73           | 1            | 0.8      |
|          | MHRC074 | 73             | 74           | 1            | 0.9      |
|          | MHRC074 | 74             | 75           | 1            | 0.5      |
|          | MHRC074 | 75             | 76           | 1            | 1.0      |



| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|----------|---------|----------------|--------------|--------------|------------|
|          | MHRC074 | 76             | 77           | 1            | <b>1.7</b> |
|          | MHRC074 | 77             | 78           | 1            | <b>2.1</b> |
|          | MHRC074 | 78             | 79           | 1            | <b>2.2</b> |
|          | MHRC074 | 79             | 80           | 1            | <b>1.7</b> |
|          | MHRC074 | 80             | 81           | 1            | <b>2.8</b> |
|          | MHRC074 | 81             | 82           | 1            | <b>1.0</b> |
|          | MHRC074 | 82             | 83           | 1            | <b>0.6</b> |
|          | MHRC074 | 83             | 84           | 1            | <b>0.7</b> |
|          | MHRC074 | 84             | 85           | 1            | <b>0.6</b> |
|          | MHRC074 | 85             | 86           | 1            | 0.1        |
|          | MHRC074 | 86             | 87           | 1            | 0.2        |
|          | MHRC074 | 87             | 88           | 1            | 0.1        |
|          | MHRC074 | 88             | 89           | 1            | 0.1        |
|          | MHRC074 | 89             | 90           | 1            | 0.1        |
|          | MHRC079 | 75             | 76           | 1            | 0.1        |
|          | MHRC079 | 76             | 77           | 1            | 0.2        |
|          | MHRC079 | 77             | 78           | 1            | 0.2        |
|          | MHRC079 | 78             | 79           | 1            | 0.0        |
|          | MHRC079 | 79             | 80           | 1            | 0.0        |
|          | MHRC079 | 80             | 81           | 1            | 0.0        |
|          | MHRC079 | 81             | 82           | 1            | 0.0        |
|          | MHRC079 | 82             | 83           | 1            | 0.2        |
|          | MHRC079 | 83             | 84           | 1            | 0.4        |
|          | MHRC079 | 84             | 85           | 1            | 0.1        |
|          | MHRC079 | 85             | 86           | 1            | 0.1        |
|          | MHRC079 | 86             | 87           | 1            | 0.2        |
|          | MHRC079 | 87             | 88           | 1            | 0.1        |
|          | MHRC079 | 88             | 89           | 1            | 0.1        |
|          | MHRC079 | 89             | 90           | 1            | 0.1        |
|          | MHRC079 | 90             | 91           | 1            | 0.1        |
|          | MHRC079 | 91             | 92           | 1            | 0.3        |
|          | MHRC079 | 92             | 93           | 1            | <b>0.5</b> |
|          | MHRC079 | 93             | 94           | 1            | 0.3        |
|          | MHRC079 | 94             | 95           | 1            | <b>0.6</b> |
|          | MHRC079 | 95             | 96           | 1            | 0.2        |
|          | MHRC079 | 96             | 97           | 1            | <b>2.5</b> |
|          | MHRC079 | 97             | 98           | 1            | <b>4.5</b> |
|          | MHRC079 | 98             | 99           | 1            | <b>2.1</b> |
|          | MHRC079 | 99             | 100          | 1            | <b>0.5</b> |
|          | MHRC079 | 100            | 101          | 1            | <b>1.2</b> |
|          | MHRC079 | 101            | 102          | 1            | <b>0.6</b> |
|          | MHRC079 | 102            | 103          | 1            | 0.4        |
|          | MHRC079 | 103            | 104          | 1            | 0.3        |
|          | MHRC079 | 104            | 105          | 1            | 0.4        |
|          | MHRC079 | 105            | 106          | 1            | 0.3        |
|          | MHRC079 | 106            | 107          | 1            | 0.5        |
|          | MHRC079 | 107            | 108          | 1            | 0.5        |
|          | MHRC079 | 108            | 109          | 1            | <b>0.7</b> |
|          | MHRC079 | 109            | 110          | 1            | 0.4        |
|          | MHRC079 | 110            | 111          | 1            | 0.2        |
|          | MHRC079 | 111            | 112          | 1            | <b>0.5</b> |
|          | MHRC079 | 112            | 113          | 1            | <b>0.7</b> |
|          | MHRC079 | 113            | 114          | 1            | <b>1.3</b> |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|----------|---------|----------------|--------------|--------------|------------|
|          | MHRC079 | 114            | 115          | 1            | <b>0.7</b> |
|          | MHRC079 | 115            | 116          | 1            | <b>0.8</b> |
|          | MHRC079 | 116            | 117          | 1            | <b>1.1</b> |
|          | MHRC079 | 117            | 118          | 1            | <b>1.4</b> |
|          | MHRC079 | 118            | 119          | 1            | <b>0.6</b> |
|          | MHRC079 | 119            | 120          | 1            | 0.4        |
|          | MHRC079 | 120            | 121          | 1            | 0.2        |
|          | MHRC079 | 121            | 122          | 1            | 0.1        |
|          | MHRC079 | 122            | 123          | 1            | <b>1.2</b> |
|          | MHRC079 | 123            | 124          | 1            | <b>1.4</b> |
|          | MHRC079 | 124            | 125          | 1            | 0.5        |
|          | MHRC079 | 125            | 126          | 1            | <b>1.1</b> |
|          | MHRC079 | 126            | 127          | 1            | <b>0.7</b> |
|          | MHRC079 | 127            | 128          | 1            | 0.5        |
|          | MHRC079 | 128            | 129          | 1            | 0.2        |
|          | MHRC079 | 129            | 130          | 1            | 0.1        |
|          | MHRC079 | 130            | 135          | 5            | 0.1        |
|          | MHRC079 | 135            | 140          | 5            | 0.0        |
|          | MHDD095 | 222.0          | 223.0        | 1.0          | 0.2        |
|          | MHDD095 | 223.0          | 224.0        | 1.0          | 0.4        |
|          | MHDD095 | 224.0          | 225.0        | 1.0          | <b>0.5</b> |
|          | MHDD095 | 225.0          | 226.0        | 1.0          | <b>1.6</b> |
|          | MHDD095 | 226.0          | 227.0        | 1.0          | <b>0.9</b> |
|          | MHDD095 | 227.0          | 228.0        | 1.0          | 0.2        |
|          | MHDD095 | 228.0          | 229.0        | 1.0          | 0.2        |
|          | MHDD095 | 229.0          | 230.0        | 1.0          | 0.3        |
|          | MHDD095 | 230.0          | 231.0        | 1.0          | 0.4        |
|          | MHDD095 | 231.0          | 232.0        | 1.0          | <b>0.6</b> |
|          | MHDD095 | 232.0          | 233.0        | 1.0          | <b>0.7</b> |
|          | MHDD095 | 233.0          | 234.0        | 1.0          | <b>1.0</b> |
|          | MHDD095 | 234.0          | 235.0        | 1.0          | <b>1.2</b> |
|          | MHDD095 | 235.0          | 236.0        | 1.0          | <b>1.3</b> |
|          | MHDD095 | 236.0          | 237.0        | 1.0          | <b>1.0</b> |
|          | MHDD095 | 237.0          | 238.0        | 1.0          | <b>0.7</b> |
|          | MHDD095 | 238.0          | 239.0        | 1.0          | <b>0.8</b> |
|          | MHDD095 | 239.0          | 240.0        | 1.0          | <b>2.1</b> |
|          | MHDD095 | 240.0          | 241.0        | 1.0          | <b>0.7</b> |
|          | MHDD095 | 241.0          | 242.0        | 1.0          | <b>0.6</b> |
|          | MHDD095 | 242.0          | 243.0        | 1.0          | 0.4        |
|          | MHDD095 | 243.0          | 244.0        | 1.0          | 0.3        |
|          | MHDD095 | 244.0          | 245.0        | 1.0          | 0.4        |
|          | MHDD095 | 245.0          | 246.0        | 1.0          | <b>0.7</b> |
|          | MHDD095 | 246.0          | 247.0        | 1.0          | 0.5        |
|          | MHDD095 | 247.0          | 248.0        | 1.0          | 0.4        |
|          | MHDD095 | 248.0          | 249.0        | 1.0          | 0.5        |
|          | MHDD095 | 249.0          | 250.0        | 1.0          | <b>1.2</b> |
|          | MHDD095 | 250.0          | 251.0        | 1.0          | <b>2.6</b> |
|          | MHDD095 | 251.0          | 252.0        | 1.0          | <b>2.0</b> |
|          | MHDD095 | 252.0          | 253.0        | 1.0          | <b>1.1</b> |
|          | MHDD095 | 253.0          | 254.0        | 1.0          | 0.2        |
|          | MHDD095 | 254.0          | 255.0        | 1.0          | 0.1        |
|          | MHDD095 | 255.0          | 256.0        | 1.0          | 0.1        |
|          | MHDD095 | 256.0          | 257.0        | 1.0          | 0.1        |

| Prospect                 | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|--------------------------|---------|----------------|--------------|--------------|------------|
|                          | MHDD095 | 257.0          | 258.0        | 1.0          | 0.1        |
|                          | MHDD095 | 258.0          | 259.0        | 1.0          | 0.2        |
|                          | MHDD095 | 259.0          | 260.0        | 1.0          | 0.2        |
|                          | MHDD095 | 260.0          | 261.0        | 1.0          | 0.1        |
|                          | MHDD095 | 261.0          | 262.0        | 1.0          | 0.1        |
|                          | MHDD095 | 262.0          | 263.0        | 1.0          | 0.1        |
|                          | MHDD095 | 263.0          | 264.0        | 1.0          | 0.1        |
|                          | MHDD095 | 264.0          | 265.0        | 1.0          | 0.1        |
|                          | MHDD095 | 265.0          | 266.0        | 1.0          | 0.0        |
|                          | MHDD095 | 266.0          | 267.0        | 1.0          | 0.1        |
|                          | MHDD095 | 267.0          | 268.0        | 1.0          | 0.2        |
|                          | MHDD095 | 268.0          | 269.0        | 1.0          | <b>0.8</b> |
|                          | MHDD095 | 269.0          | 270.0        | 1.0          | <b>1.0</b> |
|                          | MHDD095 | 270.0          | 271.0        | 1.0          | <b>0.8</b> |
|                          | MHDD095 | 271.0          | 272.0        | 1.0          | <b>0.6</b> |
|                          | MHDD095 | 272.0          | 273.0        | 1.0          | 0.4        |
|                          | MHDD095 | 273.0          | 274.0        | 1.0          | 0.5        |
|                          | MHDD095 | 274.0          | 275.0        | 1.0          | <b>0.7</b> |
|                          | MHDD095 | 275.0          | 276.0        | 1.0          | <b>1.2</b> |
|                          | MHDD095 | 276.0          | 277.0        | 1.0          | 0.4        |
|                          | MHDD095 | 277.0          | 278.0        | 1.0          | 0.3        |
|                          | MHDD095 | 278.0          | 279.0        | 1.0          | 0.2        |
|                          | MHDD095 | 279.0          | 280.0        | 1.0          | 0.3        |
|                          | MHDD095 | 280.0          | 281.0        | 1.0          | 0.3        |
|                          | MHDD095 | 281.0          | 282.0        | 1.0          | 0.4        |
|                          | MHDD095 | 282.0          | 283.0        | 1.0          | <b>0.5</b> |
|                          | MHDD095 | 283.0          | 284.0        | 1.0          | <b>0.9</b> |
|                          | MHDD095 | 284.0          | 285.0        | 1.0          | <b>0.8</b> |
|                          | MHDD095 | 285.0          | 286.0        | 1.0          | <b>0.6</b> |
|                          | MHDD095 | 286.0          | 287.0        | 1.0          | <b>0.9</b> |
|                          | MHDD095 | 287.0          | 288.0        | 1.0          | <b>0.6</b> |
|                          | MHDD095 | 288.0          | 289.0        | 1.0          | <b>0.7</b> |
|                          | MHDD095 | 289.0          | 290.0        | 1.0          | 0.5        |
|                          | MHDD095 | 290.0          | 291.0        | 1.0          | <b>0.7</b> |
|                          | MHDD095 | 291.0          | 292.0        | 1.0          | 0.3        |
|                          | MHDD095 | 292.0          | 293.0        | 1.0          | 0.1        |
|                          | MHDD095 | 293.0          | 294.0        | 1.0          | 0.3        |
|                          | MHDD095 | 294.0          | 295.0        | 1.0          | 0.2        |
|                          | MHDD095 | 295.0          | 296.0        | 1.0          | 0.1        |
|                          | MHDD095 | 296.0          | 297.0        | 1.0          | 0.1        |
|                          | MHDD095 | 297.0          | 298.0        | 1.0          | 0.0        |
|                          | MHDD095 | 298.0          | 299.0        | 1.0          | 0.0        |
|                          | MHDD095 | 299.0          | 300.0        | 1.0          | 0.0        |
|                          | MHDD095 | 300.0          | 301.0        | 1.0          | 0.0        |
|                          | MHDD095 | 301.0          | 302.0        | 1.0          | 0.0        |
|                          | MHDD095 | 302.0          | 303.0        | 1.0          | 0.0        |
|                          | MHDD095 | 303.0          | 304.0        | 1.0          | 0.0        |
|                          | MHDD095 | 304.0          | 305.0        | 1.0          | 0.0        |
|                          | MHDD095 | 305.0          | 306.0        | 1.0          | 0.0        |
| <b>Burke &amp; Wills</b> | BWRC083 | 100            | 101          | 1            | 0.2        |
|                          | BWRC083 | 101            | 102          | 1            | 0.1        |
|                          | BWRC083 | 102            | 103          | 1            | <b>1.0</b> |
|                          | BWRC083 | 103            | 104          | 1            | <b>1.0</b> |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | pXRF Cu%   |
|----------|---------|----------------|--------------|--------------|------------|
|          | BWRC083 | 104            | 105          | 1            | <b>2.0</b> |
|          | BWRC083 | 105            | 106          | 1            | <b>3.3</b> |
|          | BWRC083 | 106            | 107          | 1            | <b>0.6</b> |
|          | BWRC083 | 107            | 108          | 1            | 0.2        |
|          | BWRC083 | 108            | 109          | 1            | 0.1        |
|          | BWRC083 | 109            | 110          | 1            | 0.0        |
|          | BWRC083 | 110            | 111          | 1            | 0.2        |
|          | BWRC083 | 111            | 112          | 1            | 0.1        |
|          | BWRC083 | 112            | 113          | 1            | 0.1        |
|          | BWRC083 | 113            | 114          | 1            | 0.0        |
|          | BWRC083 | 114            | 115          | 1            | 0.0        |

### Diamond Core pXRF Readings

| Prospect                  | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | Average pXRF Cu % |
|---------------------------|---------|----------------|--------------|--------------|-------------------|
| <b>Mount Hope Central</b> | MHDD103 | 237.0          | 237.8        | 0.8          | 0.0               |
|                           | MHDD103 | 237.8          | 238.1        | 0.3          | <b>21.4</b>       |
|                           | MHDD103 | 238.1          | 239.0        | 0.9          | 0.1               |
|                           | MHDD103 | 249.0          | 250.0        | 1.0          | 0.0               |
|                           | MHDD103 | 250.0          | 251.0        | 1.0          | <b>0.5</b>        |
|                           | MHDD103 | 251.0          | 252.0        | 1.0          | <b>0.6</b>        |
|                           | MHDD103 | 252.0          | 253.0        | 1.0          | <b>0.6</b>        |
|                           | MHDD103 | 253.0          | 254.0        | 1.0          | <b>0.6</b>        |
|                           | MHDD103 | 254.0          | 255.0        | 1.0          | <b>1.9</b>        |
|                           | MHDD103 | 255.0          | 256.0        | 1.0          | <b>0.7</b>        |
|                           | MHDD103 | 256.0          | 257.0        | 1.0          | <b>0.8</b>        |
|                           | MHDD103 | 257.0          | 258.0        | 1.0          | <b>1.2</b>        |
|                           | MHDD103 | 258.0          | 259.0        | 1.0          | 0.5               |
|                           | MHDD103 | 259.0          | 260.0        | 1.0          | 0.2               |
|                           | MHDD103 | 260.0          | 261.0        | 1.0          | <b>2.3</b>        |
|                           | MHDD103 | 261.0          | 262.0        | 1.0          | <b>1.7</b>        |
|                           | MHDD103 | 262.0          | 262.7        | 0.7          | <b>0.9</b>        |
|                           | MHDD103 | 262.7          | 263.5        | 0.8          | <b>7.2</b>        |
|                           | MHDD103 | 263.5          | 264.0        | 0.5          | <b>2.1</b>        |
|                           | MHDD103 | 264.0          | 265.0        | 1.0          | <b>1.2</b>        |
|                           | MHDD103 | 265.0          | 266.0        | 1.0          | <b>3.9</b>        |
|                           | MHDD103 | 266.0          | 267.0        | 1.0          | <b>1.0</b>        |
|                           | MHDD103 | 267.0          | 268.0        | 1.0          | <b>1.3</b>        |
|                           | MHDD103 | 268.0          | 269.0        | 1.0          | <b>2.8</b>        |
|                           | MHDD103 | 269.0          | 270.0        | 1.0          | <b>1.2</b>        |
|                           | MHDD103 | 270.0          | 271.0        | 1.0          | <b>1.4</b>        |
|                           | MHDD103 | 271.0          | 272.0        | 1.0          | <b>2.0</b>        |
|                           | MHDD103 | 272.0          | 273.0        | 1.0          | <b>0.7</b>        |
|                           | MHDD103 | 273.0          | 274.0        | 1.0          | <b>0.7</b>        |
|                           | MHDD103 | 274.0          | 275.0        | 1.0          | <b>1.8</b>        |
|                           | MHDD103 | 275.0          | 276.0        | 1.0          | <b>1.7</b>        |
|                           | MHDD103 | 276.0          | 277.0        | 1.0          | <b>2.9</b>        |
|                           | MHDD103 | 277.0          | 278.0        | 1.0          | <b>2.0</b>        |
|                           | MHDD103 | 278.0          | 279.0        | 1.0          | <b>4.5</b>        |
|                           | MHDD103 | 279.0          | 280.0        | 1.0          | <b>2.7</b>        |
|                           | MHDD103 | 280.0          | 281.4        | 1.4          | <b>7.8</b>        |
|                           | MHDD103 | 281.4          | 282.4        | 1.0          | <b>2.3</b>        |
|                           | MHDD103 | 282.4          | 283.3        | 0.9          | <b>4.7</b>        |



| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | Average pXRF Cu % |
|----------|---------|----------------|--------------|--------------|-------------------|
|          | MHDD103 | 283.3          | 284.0        | 0.7          | <b>3.2</b>        |
|          | MHDD103 | 284.0          | 285.0        | 1.0          | <b>1.8</b>        |
|          | MHDD103 | 285.0          | 286.0        | 1.0          | <b>1.6</b>        |
|          | MHDD103 | 286.0          | 287.0        | 1.0          | <b>3.4</b>        |
|          | MHDD103 | 287.0          | 288.0        | 1.0          | <b>2.9</b>        |
|          | MHDD103 | 288.0          | 289.0        | 1.0          | <b>2.1</b>        |
|          | MHDD103 | 289.0          | 289.6        | 0.6          | 0.1               |
|          | MHDD103 | 289.6          | 290.3        | 0.7          | 0.2               |
|          | MHDD103 | 290.3          | 291.2        | 0.9          | 0.1               |
|          | MHDD103 | 291.2          | 292.7        | 1.5          | <b>3.9</b>        |
|          | MHDD103 | 292.7          | 294.4        | 1.7          | <b>3.9</b>        |
|          | MHDD103 | 294.4          | 295.4        | 1.0          | <b>3.8</b>        |
|          | MHDD103 | 295.4          | 296.0        | 0.6          | <b>2.5</b>        |
|          | MHDD103 | 296.0          | 296.6        | 0.6          | <b>3.2</b>        |
|          | MHDD103 | 296.6          | 297.6        | 1.0          | <b>3.6</b>        |
|          | MHDD103 | 297.6          | 298.6        | 1.0          | <b>2.2</b>        |
|          | MHDD103 | 298.6          | 299.4        | 0.8          | <b>1.2</b>        |
|          | MHDD103 | 299.4          | 300.1        | 0.7          | <b>2.0</b>        |
|          | MHDD103 | 300.1          | 301.0        | 0.9          | <b>7.5</b>        |
|          | MHDD103 | 301.0          | 302.0        | 1.0          | <b>6.7</b>        |
|          | MHDD103 | 302.0          | 303.7        | 1.7          | <b>0.8</b>        |
|          | MHDD103 | 303.7          | 304.5        | 0.8          | <b>1.0</b>        |
|          | MHDD103 | 304.5          | 306.3        | 1.8          | 0.4               |
|          | MHDD103 | 306.3          | 307.6        | 1.3          | <b>1.0</b>        |
|          | MHDD103 | 307.6          | 308.2        | 0.6          | <b>0.5</b>        |
|          | MHDD103 | 308.2          | 309.4        | 1.2          | 0.3               |
|          | MHDD103 | 309.4          | 310.4        | 1.0          | <b>1.4</b>        |
|          | MHDD103 | 310.4          | 310.6        | 0.2          | 0.1               |
|          | MHDD103 | 310.6          | 310.7        | 0.1          | <b>0.8</b>        |
|          | MHDD103 | 310.7          | 311.2        | 0.5          | <b>2.7</b>        |
|          | MHDD103 | 311.2          | 311.9        | 0.7          | <b>0.7</b>        |
|          | MHDD103 | 311.9          | 313.0        | 1.1          | <b>0.5</b>        |
|          | MHDD103 | 313.0          | 314.3        | 1.3          | <b>1.1</b>        |
|          | MHDD103 | 314.3          | 315.0        | 0.7          | 0.1               |
|          | MHDD103 | 315.0          | 316.0        | 1.0          | <b>0.5</b>        |
|          | MHDD103 | 316.0          | 316.9        | 0.9          | 0.0               |
|          | MHDD103 | 316.9          | 318.0        | 1.1          | <b>1.9</b>        |
|          | MHDD103 | 318.0          | 319.0        | 1.0          | <b>1.8</b>        |
|          | MHDD103 | 319.0          | 320.0        | 1.0          | 0.4               |
|          | MHDD103 | 320.0          | 321.0        | 1.0          | <b>1.8</b>        |
|          | MHDD103 | 321.0          | 322.0        | 1.0          | <b>0.7</b>        |
|          | MHDD103 | 322.0          | 323.0        | 1.0          | <b>3.9</b>        |
|          | MHDD103 | 323.0          | 324.5        | 1.5          | <b>3.3</b>        |
|          | MHDD103 | 324.5          | 325.0        | 0.5          | 0.4               |
|          | MHDD103 | 325.0          | 326.1        | 1.1          | <b>0.9</b>        |
|          | MHDD103 | 326.1          | 327.4        | 1.3          | <b>1.0</b>        |
|          | MHDD103 | 327.4          | 328.4        | 1.0          | 0.0               |
|          | MHDD103 | 328.4          | 328.7        | 0.3          | 0.1               |
|          | MHDD103 | 328.7          | 331.0        | 2.3          | 0.2               |
|          | MHDD103 | 331.0          | 332.0        | 1.0          | 0.0               |
|          | MHDD103 | 332.0          | 332.7        | 0.7          | <b>1.7</b>        |
|          | MHDD103 | 332.7          | 333.9        | 1.2          | 0.1               |
|          | MHDD103 | 333.9          | 335.0        | 1.1          | 0.2               |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | Average pXRF Cu % |
|----------|---------|----------------|--------------|--------------|-------------------|
|          | MHDD103 | 335.0          | 336.0        | 1.0          | <b>0.9</b>        |
|          | MHDD103 | 336.0          | 336.8        | 0.8          | 0.0               |
|          | MHDD103 | 336.8          | 338.0        | 1.2          | <b>1.9</b>        |
|          | MHDD103 | 338.0          | 339.0        | 1.0          | <b>2.6</b>        |
|          | MHDD103 | 339.0          | 340.0        | 1.0          | <b>2.0</b>        |
|          | MHDD103 | 340.0          | 340.6        | 0.6          | <b>3.6</b>        |
|          | MHDD103 | 340.6          | 340.8        | 0.2          | <b>Core Loss</b>  |
|          | MHDD103 | 340.8          | 342.2        | 1.4          | <b>0.5</b>        |
|          | MHDD103 | 342.2          | 343.4        | 1.2          | <b>Core Loss</b>  |
|          | MHDD103 | 343.4          | 344.1        | 0.7          | <b>0.7</b>        |
|          | MHDD103 | 344.1          | 344.6        | 0.5          | 0.1               |
|          | MHDD103 | 344.6          | 345.3        | 0.7          | 0.0               |
|          | MHDD103 | 345.3          | 345.9        | 0.6          | 0.3               |
|          | MHDD103 | 345.9          | 347.1        | 1.2          | 0.0               |
|          | MHDD103 | 347.1          | 348.0        | 0.9          | <b>2.8</b>        |
|          | MHDD103 | 348.0          | 349.0        | 1.0          | <b>2.7</b>        |
|          | MHDD103 | 349.0          | 350.1        | 1.1          | <b>3.0</b>        |
|          | MHDD103 | 350.1          | 351.0        | 0.9          | 0.2               |
|          | MHDD103 | 351.0          | 352.0        | 1.0          | 0.5               |
|          | MHDD103 | 352.0          | 352.4        | 0.4          | <b>0.8</b>        |
|          | MHDD103 | 352.4          | 353.5        | 1.1          | <b>1.0</b>        |
|          | MHDD103 | 353.5          | 353.9        | 0.4          | <b>1.3</b>        |
|          | MHDD103 | 353.9          | 354.5        | 0.6          | <b>1.0</b>        |
|          | MHDD103 | 354.5          | 355.1        | 0.6          | 0.1               |
|          | MHDD103 | 355.1          | 356.0        | 0.9          | 0.1               |
|          | MHDD103 | 356.0          | 357.0        | 1.0          | 0.1               |
|          | MHDD103 | 357.0          | 357.9        | 0.9          | 0.1               |
|          | MHDD103 | 357.9          | 359.0        | 1.1          | 0.1               |
|          | MHDD103 | 359.0          | 360.0        | 1.0          | 0.1               |
|          | MHDD103 | 360.0          | 360.9        | 0.9          | 0.1               |
|          | MHDD103 | 360.9          | 361.2        | 0.3          | 0.2               |
|          | MHDD103 | 361.2          | 362.0        | 0.8          | 0.4               |
|          | MHDD103 | 362.0          | 362.8        | 0.8          | 0.0               |
|          | MHDD103 | 362.8          | 363.9        | 1.1          | <b>5.2</b>        |
|          | MHDD103 | 363.9          | 365.0        | 1.1          | 0.4               |
|          | MHDD103 | 365.0          | 366.0        | 1.0          | 0.0               |
|          | MHDD103 | 366.0          | 366.9        | 0.9          | 0.0               |
|          | MHDD103 | 366.9          | 368.0        | 1.1          | 0.0               |
|          | MHDD103 | 368.0          | 369.0        | 1.0          | 0.5               |
|          | MHDD103 | 369.0          | 369.7        | 0.7          | <b>1.8</b>        |
|          | MHDD103 | 369.7          | 371.3        | 1.6          | <b>2.2</b>        |
|          | MHDD103 | 371.3          | 372.5        | 1.2          | <b>1.2</b>        |
|          | MHDD103 | 372.5          | 372.9        | 0.4          | 0.4               |
|          | MHDD103 | 372.9          | 374.0        | 1.1          | 0.0               |
|          | MHDD103 | 374.0          | 375.0        | 1.0          | 0.0               |
|          | MHDD103 | 375.0          | 376.0        | 1.0          | 0.1               |
|          | MHDD103 | 376.0          | 377.0        | 1.0          | 0.1               |
|          | MHDD103 | 377.0          | 378.0        | 1.0          | <b>2.1</b>        |
|          | MHDD103 | 378.0          | 379.0        | 1.0          | <b>1.0</b>        |
|          | MHDD103 | 379.0          | 380.0        | 1.0          | <b>3.6</b>        |
|          | MHDD103 | 380.0          | 381.0        | 1.0          | <b>3.7</b>        |
|          | MHDD103 | 381.0          | 382.0        | 1.0          | <b>2.7</b>        |
|          | MHDD103 | 382.0          | 383.0        | 1.0          | <b>1.9</b>        |

| Prospect | Hole ID | Depth From (m) | Depth To (m) | Interval (m) | Average pXRF Cu % |
|----------|---------|----------------|--------------|--------------|-------------------|
|          | MHDD103 | 383.0          | 384.0        | 1.0          | 0.2               |
|          | MHDD103 | 384.0          | 385.0        | 1.0          | 0.1               |
|          | MHDD103 | 385.0          | 386.0        | 1.0          | 0.1               |
|          | MHDD103 | 386            | 387          | 1.0          | 0.0               |
|          | MHDD103 | 387            | 388          | 0.9          | 0.2               |
|          | MHDD103 | 388            | 389          | 1.1          | 0.0               |
|          | MHDD103 | 463            | 464          | 0.5          | 0.1               |
|          | MHDD103 | 463.5          | 464          | 0.5          | <b>2.1</b>        |
|          | MHDD103 | 464            | 465          | 1.0          | <b>0.6</b>        |
|          | MHDD103 | 465            | 466          | 1.0          | <b>1.2</b>        |
|          | MHDD103 | 466            | 467          | 1.0          | <b>2.8</b>        |
|          | MHDD103 | 467            | 468          | 1.0          | <b>0.5</b>        |
|          | MHDD103 | 468            | 469          | 1.0          | <b>1.9</b>        |
|          | MHDD103 | 469            | 470          | 1.0          | <b>0.5</b>        |
|          | MHDD103 | 470            | 471          | 1.0          | <b>1.1</b>        |
|          | MHDD103 | 471            | 472          | 1.0          | <b>0.7</b>        |
|          | MHDD103 | 472            | 473          | 1.0          | <b>1.4</b>        |
|          | MHDD103 | 473            | 474          | 1.0          | <b>1.4</b>        |
|          | MHDD103 | 474            | 475          | 1.0          | <b>0.6</b>        |
|          | MHDD103 | 475            | 476          | 1.0          | <b>2.9</b>        |
|          | MHDD103 | 476            | 477          | 1.0          | <b>4.1</b>        |
|          | MHDD103 | 477            | 477.6        | 0.6          | <b>3.9</b>        |
|          | MHDD103 | 477.6          | 479          | 1.4          | <b>0.6</b>        |
|          | MHDD103 | 479            | 480          | 1.0          | 0.0               |
|          | MHDD103 | 480            | 481          | 1.0          | <b>0.8</b>        |
|          | MHDD103 | 481            | 482          | 1.0          | <b>0.6</b>        |
|          | MHDD103 | 482            | 483          | 1.0          | 0.5               |
|          | MHDD103 | 483            | 484          | 1.0          | 0.5               |
|          | MHDD103 | 484            | 485          | 1.0          | <b>0.8</b>        |
|          | MHDD103 | 485            | 486          | 1.0          | <b>1.6</b>        |
|          | MHDD103 | 486            | 487          | 1.0          | <b>0.9</b>        |
|          | MHDD103 | 487            | 488          | 1.0          | <b>0.9</b>        |
|          | MHDD103 | 488            | 489          | 1.0          | 0.2               |
|          | MHDD103 | 489            | 490          | 1.1          | <b>1.6</b>        |
|          | MHDD103 | 490            | 492          | 1.9          | 0.0               |

## APPENDIX TWO

### JORC Code, 2012 Edition | 'Table 1' Report Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

| Criteria            | JORC Code explanation   | Commentary  |
|---------------------|---|---|
| Sampling techniques | <ul style="list-style-type: none"> <li>Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> </ul> | <ul style="list-style-type: none"> <li>The RC drill chips were logged and visual abundances estimated by suitably qualified and experienced geologist.</li> <li>Recent RC samples were collected via a cone splitter mounted below the cyclone. A 2-3kg sample was collected from each 1m interval.</li> <li>Diamond core was half cut typically on 1m or less intervals within the mineralised zone. One half of the core sampled on the same side was submitted to the lab for analysis.</li> </ul> |

| Criteria                                       | JORC Code explanation   | Commentary  |
|--|---|---|
|  | <ul style="list-style-type: none"> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul style="list-style-type: none"> <li>RC and diamond samples were submitted to ALS labs and pulverised to obtain a 25g charge. Ore grade analysis was conducted for Copper using an aqua regia digest and AAS/ ICP finish. Gold was analysed by aqua regia digest and ICP-MS finish.</li> <li>pXRF measurements on RC chips were taken using a single reading through the calico bag for every metre.</li> <li>pXRF results from drill core consist of the average reading from a mean sample size of approximately 4 spot readings taken over each metre of whole core.</li> <li>Down hole Electromagnetic (DHEM) surveys were conducted on 5 holes at Mt Hope using one 400x400m loop and a DigiAtlantis 3 component B field probe. A GeoRESULTS DRTX TX 4 transmitter was used with a current of &gt; 50A and a frequency of 2 Hz. Station spacing was 10m, closer around the target depth. 2-3 repeatable readings were taken at 64 stacks.</li> </ul> |
| Drilling techniques                            | <ul style="list-style-type: none"> <li>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>  | <ul style="list-style-type: none"> <li>All recent RC holes were completed using a 5.5" face sampling bit.</li> <li>Diamond holes in the current announcement were completed using NQ size core. Previous diamond drilling was undertaken using a combination of HQ and NQ sized core.</li> </ul>  |
| Drill sample recovery                          | <ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>  | <ul style="list-style-type: none"> <li>For recent RC and diamond drilling, no significant recovery issues for samples were observed. Occasional loss of sample was observed at the changeover metre interval from RC to diamond.</li> <li>For diamond any core loss is recorded with core blocks denoting the start and end depth of the core loss interval. Triple tube was used to preserve friable/broken sections of HQ core in the transitional weathering horizon.</li> <li>Drill chips collected in chip trays are considered a reasonable visual representation of the entire sample interval.</li> </ul>   |
| Logging  | <ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>  | <ul style="list-style-type: none"> <li>RC holes have been logged for lithology, weathering, mineralisation, veining, structure and alteration.</li> <li>Diamond holes logged in the same categories as RC with the addition of orientated structural measurements, density, magnetic susceptibility and conductivity.</li> <li>All chips have been stored in chip trays on 1m intervals and logged in the field.</li> </ul>   |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> </ul>   | <ul style="list-style-type: none"> <li>All RC samples are cone split at the cyclone to create a 1m sample of 2-3kg. The remaining sample is retained in a plastic bag at the drill site.</li> <li>For mineralised zones, the 1m cone split sample is taken for analysis. For non-mineralised zones a 5m composite spear sample is collected and the individual 1m cone split samples over the same interval retained for later analysis if positive results are returned.</li> <li>Diamond core is half-sawn and sampled from one side only. The entire mineralised zone is sampled to account for any internal dilution.</li> </ul>  |



| Criteria                                   | JORC Code explanation  | Commentary  |
|--|--|---|
|  | <ul style="list-style-type: none"> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>  | <ul style="list-style-type: none"> <li>For RC chips, XRF readings were taken through the calico bag containing a representative 2-3kg split of material through the cyclone.</li> <li>pXRF results from drill core consist of the average reading from a mean sample size of approximately 4 spot readings taken directly on the core along each metre.</li> <li>pXRF readings from both RC chips and diamond core are taken over the entire mineralised interval determined by geologist logging the drill hole. These readings extend for a few metres past the footwall and hangingwall contacts of the mineralised zone.</li> </ul>   |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul> | <ul style="list-style-type: none"> <li>For lab assays, company inserted blanks are inserted as the first sample for every hole. A company inserted gold standard and a copper standard are inserted every 50<sup>th</sup> sample. No standard identification numbers are provided to the lab.</li> <li>Standards are checked against expected lab values to ensure they are within tolerance. No issues have been identified.</li> <li>pXRF results of RC chips were reported using an Olympus Vanta M Series portable XRF in Geochem mode (2 beam) and a 20 second read time for each beam. No calibration factors were applied.</li> <li>Comparison data to date indicates RC assays to be more than 60% higher compared to when taking the pXRF measurement through the green bag and 30% higher compared to when taking through a calico bag. Diamond core assays have been found to be generally also higher than reported pXRF readings. Comparison test work will continue to be conducted to build a larger population of measurements to determine differences.</li> <li>Base metal standards were taken on 2 different base metal standards every 50 readings.</li> <li>Down hole Electromagnetic (DHEM) surveys were conducted on 5 holes at Mt Hope using one 400x400m loop and a DigiAtlantis with 3 component B field probe. A GeoRESULTS DRTX TX 4 transmitter was used with a current of &gt; 50A and a frequency of 2 Hz. Station spacing was 10m, closer around the target depth. 2-3 repeatable readings were taken at 64 stacks.</li> </ul> |
| Verification of sampling and assaying      | <ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>  | <ul style="list-style-type: none"> <li>Historic production data has been collated from government open file reports.</li> <li>A Maxgeo SQL database is currently used in house for all historic and new records. Recent results have been reported directly from lab reports and sample sheets collated in excel.</li> <li>Results reported below the detection limit have been stored in the database at half the detection limit – e.g., &lt;0.001ppm stored as 0.0005ppm</li> </ul>  |
| Location of data points                    | <ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> </ul>  | <ul style="list-style-type: none"> <li>All hole locations were obtained using a Trimble SP60 GPS in UTM MGA94.</li> <li>Current RC and Diamond holes were downhole surveyed by Reflex True North seeking gyro.</li> <li>Survey control is of high accuracy with periodic checks made between two different down-hole gyro instruments.</li> </ul>   |

| Criteria  | JORC Code explanation  | Commentary  |
|---|--|---|
|   | <ul style="list-style-type: none"> <li>Quality and adequacy of topographic control.</li> </ul>   |   |
| Data spacing and distribution                           | <ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>                                 | <ul style="list-style-type: none"> <li>At Mt Hope further extensional and infill drilling is required to confirm the orientation and true width of the copper mineralisation intersected. At Burke &amp; Wills outcropping historical workings and drilling show a high degree of continuity of the mineralisation.</li> </ul>  |
| Orientation of data in relation to geological structure | <ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul> | <ul style="list-style-type: none"> <li>Previous holes at Mt Hope are considered to intersect the mineralisation at a reasonable angle, being drilled at an orthogonal angle to the principal vein strike. More recent Mt Hope drill results typically have a true width approximately 1/3 of the down hole width.</li> <li>MHDD103 is drilled approximately orthogonal to confluence zone of the NE and NW lodes. Due to the steep dip of MHDD103, the true width of the NE/NW lode apex is likely to be approximately 30% of the down hole width based on the interpreted mineralisation geometry and observed drill core alpha angles. The true width of the Chalcis Lode in MHDD103 is likely to be 1/3 of the down hole width based on interpreted mineralisation geometry and observed drill core alpha angles.</li> <li>The majority of holes at Burke and Wills are drilled orthogonal to both strike and dip. The reported down hole widths approximate true widths.</li> </ul> |
| Sample security   | <ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>  | <ul style="list-style-type: none"> <li>Recent RC drilling has had all samples immediately taken following drilling and submitted for assay by supervising Carnaby geology personnel.</li> </ul>   |
| Audits or reviews                                       | <ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>  | <ul style="list-style-type: none"> <li>Not conducted</li> </ul>   |

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section).

| Criteria                                | Explanation  | Commentary  |
|---|--|---|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul style="list-style-type: none"> <li>The Lady Fanny Prospect area encompassed by historical expired mining leases have been amalgamated into EPM14366 and is 100% owned by Carnaby.</li> <li>The Nil Desperandum, Shamrock, Burke &amp; Wills and Lady Fanny South Prospects are located on EPM14366 (82.5% interest acquired from Discover Resources Limited (<b>Discover, ASX: DCX</b>)).</li> <li>Discover retain a 17.5% free carried interest in the project through to a Decision to Mine.</li> <li>At a Decision to Mine, Carnaby has the first right of refusal to acquire the remaining interest for fair market value.</li> </ul> |

| Criteria  | Explanation   | Commentary   |
|---|---|--|
|   |   | <ul style="list-style-type: none"> <li>The Mount Hope Mining Lease ML90240 is 100% owned by Carnaby Resources.</li> </ul>  |
| Acknowledgment and appraisal of exploration by other parties. | <ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>   | <ul style="list-style-type: none"> <li>There has been exploration work conducted over the Queensland project regions for over a century by previous explorers. The project comes with significant geoscientific information which covers the tenements and general region, including: a compiled database of 6658 drill hole (exploration and near-mine), 60,300 drilling assays and over 50,000 soils and stream sediment geochemistry results. This previous exploration work is understood to have been undertaken to an industry accepted standard and will be assessed in further detail as the projects are developed.</li> </ul>  |
| Geology   | <ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>   | <ul style="list-style-type: none"> <li>The prospects mentioned in this announcement are located in the Mary Kathleen domain of the eastern Fold Belt, Mount Isa Inlier. The Eastern Fold Belt is well known for copper, gold and copper-gold deposits; generally considered variants of IOCG deposits. The region hosts several long-lived mines and numerous historical workings. Deposits are structurally controlled, forming proximal to district-scale structures which are observable in mapped geology and geophysical images. Local controls on the distribution of mineralisation at the prospect scale can be more variable and is understood to be dependent on lithological domains present at the local-scale, and orientation with respect to structures and the stress-field during D3/D4 deformation, associated with mineralisation.</li> <li>Consolidation of the ground position around the mining centres of Tick Hill and Duchess and planned structural geology analysis enables Carnaby to effectively explore the area for gold and copper-gold deposits.</li> </ul> |
| Drill hole Information  | <ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> </ul> <p>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</p> | <ul style="list-style-type: none"> <li>Included in report Refer to Appendix 1, Table 1.</li> </ul>   |
| Data aggregation methods                                      | <ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.</li> </ul>   | <ul style="list-style-type: none"> <li>No metal equivalent values have been reported.</li> <li>All reported intersections have Cu% weight averaged by sample interval length and reported by total downhole width of the intersection.</li> </ul>  |

| Criteria   | Explanation  | Commentary   |               |        |      |               |         |       |       |     |         |       |       |     |
|--|--|--|---------------|--------|------|---------------|---------|-------|-------|-----|---------|-------|-------|-----|
|  | <ul style="list-style-type: none"><li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li><li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li></ul>                                     | <ul style="list-style-type: none"><li>Due to drilling core loss caused by soft friable material, some pXRF intervals in MHDD103 could not be read and these are as follows:<table border="1"><thead><tr><th>Hole_Id</th><th>m_From</th><th>m_To</th><th>Core Loss (m)</th></tr></thead><tbody><tr><td>MHDD103</td><td>340.6</td><td>340.8</td><td>0.2</td></tr><tr><td>MHDD103</td><td>342.2</td><td>343.4</td><td>1.2</td></tr></tbody></table><p>Lost core intervals in MHDD099 total 1.4m. When reporting the overall intersections in MHDD103, the lost intervals were included in the total down hole width and the sampled weighted average Cu grade reported against this width.</p><p>E.g., MHDD103 actual sampled interval: 132.6m @ 1.6% Cu from 250m</p><p>Reported interval: MHDD103, 134m* @ 1.6% Cu from 250m. <i>*Includes 1.4m of core loss.</i></p></li></ul> | Hole_Id       | m_From | m_To | Core Loss (m) | MHDD103 | 340.6 | 340.8 | 0.2 | MHDD103 | 342.2 | 343.4 | 1.2 |
| Hole_Id  | m_From   | m_To   | Core Loss (m) |        |      |               |         |       |       |     |         |       |       |     |
| MHDD103  | 340.6  | 340.8  | 0.2           |        |      |               |         |       |       |     |         |       |       |     |
| MHDD103  | 342.2  | 343.4  | 1.2           |        |      |               |         |       |       |     |         |       |       |     |
| Average Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"><li>These relationships are particularly important in the reporting of Exploration Results.</li><li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li><li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').</li></ul> | <ul style="list-style-type: none"><li>Mt Hope intervals are reported as downhole width and true widths are not definitively known.</li><li>Drill holes at Mt Hope are typically orientated orthogonal to the vein strike. MHDD103 is intersecting orthogonal to strike and acute to the interpreted vein dip and therefore the true width is expected to be significantly less than the down hole width. Current interpretation and structural work on MHDD103 indicates a true width of approximately 30% and 33% for the NE/NW Lode confluence and Chalcis Lode respectively.</li><li>At Burke &amp; Wills down hole intervals generally approximate true widths as the holes are drilled orthogonal to the mineralisation.</li></ul>  |               |        |      |               |         |       |       |     |         |       |       |     |
| Diagrams   | <ul style="list-style-type: none"><li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li></ul>  | <ul style="list-style-type: none"><li>See the body of the announcement.</li><li>The Mount Hope Central Long Section presented in Figure 1 represents a 2D vertical schematic illustration to show the overall distribution of copper gold mineralisation. Due to the complex shape of the deposit being an inclined boomerang geometry, it has been necessary to use an inclined plane to calculate the horizontal distance when calculating the NE lode pierce points in relation to the NW lode pierce points whereas the NW pierce points are determined directly onto a vertical plane. The long section is considered to represent actual strike and relative level positions of the mineralisation.</li></ul>  |               |        |      |               |         |       |       |     |         |       |       |     |
| Balanced reporting   | <ul style="list-style-type: none"><li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li></ul>  | <ul style="list-style-type: none"><li>As discussed in the announcement</li></ul>   |               |        |      |               |         |       |       |     |         |       |       |     |
| Other substantive exploration data                                       | <ul style="list-style-type: none"><li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li></ul>          | <ul style="list-style-type: none"><li>As discussed in the announcement</li></ul>   |               |        |      |               |         |       |       |     |         |       |       |     |

| Criteria     | Explanation  | Commentary  |
|--------------|--|---|
| Further work | <ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul> | <ul style="list-style-type: none"> <li>Planned exploration works are detailed in the announcement.</li> </ul> |